

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

Rural Development Department – MGNREGS- Ground Water Recharge Project – Contract appointment of fresh Geologists and Senior Geologists- Orders – Issued.

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PANCHAYAT RAJ & RURAL DEVELOPMENT (RD-II) DEPARTMENT

G.O.Ms.No. 312

Dated:07.09.2011

Read the following:

1. G.O.Ms. No.260, PR&RD (RD.II) Dept., Dated:26.07.2010.
2. G.O.Ms No.08 PR&RD (RD.II) Dept., Dated:06-01-2011.
3. Proposals of Commissioner, Rural Development, Hyderabad
4. Minutes of review of MGRP, dated:16-7-2011

**ORDER:**

In the reference 3<sup>rd</sup> read above, the Commissioner, Rural Development has informed that 115 Over Exploited basins have been surveyed in 12 Districts and 67226 works are identified in 1984 Gram Panchayats. The Commissioner has expressed that the identified works are to be completed on priority in a campaign mode to mitigate the hardship faced by the people in O.E basins at the earliest. Commissioner, RD has proposed for deploying additional geologists on contract basis for fast grounding and monitoring the execution of works in a time bound manner with quality. The Government have examined the proposals of Commissioner, RD, and accordingly, sanctioned 13 junior geologists to take on contract basis and 11 senior / retired geologists for a period of 3 months for grounding of works.

2. During the review of Groundwater Recharge Project on 16-7-2011, Commissioner, RD has proposed to entrust the total responsibility of implementation of MGRP works to the geologists as Program Officers, as it was taking lot of time in coordinating with TAs for giving of mark out for the works and also with the ECs for check measurement etc. Commissioner, RD has suggested for training the geologists in giving of mark out, monitoring the execution and check measurement of the works for fast grounding and quality execution of works with clear responsibility on geologists. It is proposed to entrust 15 Gram Panchayats to each of the geologist for effective supervision and implementation of the program. Accordingly, Commissioner, RD has proposed for recruiting 112 junior geologists on contract basis in place 13 geologists approved by the Government earlier. Further, the Commissioner RD has proposed for taking 11 retired/ senior geologists for a period of 3 months for deploying in the districts where works are proposed in huge number to provide handholding support to junior geologists and also to train the junior geologists in fixing/selection of sites for construction of Artificial Recharge Structures, establishment of observation wells, interpretation of satellite maps, mapping of works executed, documentation of the project and geophysical survey for identification groundwater extraction points etc. The senior geologists shall also provide handholding support to the junior geologists in discharging their duties efficiently.

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3. The Government have carefully examined the proposals of the Commissioner, RD and sanctioned to take 112 junior geologists on contract basis as Program Officers for implementation of Groundwater Recharge Project. The Government have also agreed to take 11 senior/retired geologists for a period of 3 months for training and hand holding of the geologists for a period of 3 months.

**Following are functions of the junior geologists/Program Officers.**

**I. Jurisdiction and Administrative responsibilities**

- 1) The geologists shall be responsible for implementation of the Program in a minimum of 15 villages.
- 2) They shall be responsible for identification of work sites involving the local community and stake holders.
- 3) He/She shall be responsible for approval of works by the gram sabha
- 4) He/She shall generate estimates and obtain administrative and technical sanction for the works approved.
- 5) He shall work under the supervision of Additional Project Director under the overall control of Project Director, DWMA.
- 6) He/She shall submit weekly advance tour program to Additional Project Director.
- 7) His / Her headquarters shall be one of the Mandal Parishad Office located nearest to the allotted villages or else in the office of the Assistant Project Director of the cluster whichever is convenient.

**II. Building awareness on MGRP through village camps and allotment of works to SSS/stake holders.**

- 1) The Geologist shall camp for TWO days in each village/GP and interact with the stake holders about the project and its importance.
- 2) During the village camps the Geologist shall carry the list of SSS and explain them the details of works sanctioned in the village.
- 3) He/She shall confirm the feasibility of the works and allot the works to SSS by issuing / handing over of Commencement Letters.
- 4) He/She shall issue muster to the mate of SSS / FA along with Issue of work commencement letter.

**III. Giving of Marking, Supervision of execution of works and Check Measurement.**

- 1) The Geologist shall give mark out for the works allotted to SSS by fixing peg marking/ numbering/ coding etc.
- 2) He/She shall supervise the works regularly during execution and ensure quality of works.

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- 3) The geologists shall check measure the works in time and pass on the M Books to payment authority within the stipulated period.

#### **IV. Cancellation of unsuitable/ un feasible works and propose for alternate works.**

- 1) The geologists shall propose for cancellation of not feasible works and also the works objected by the land owner.
- 2) He/ She may identify new works and take approval/ sanction of appropriate authority for inclusion in the shelf of works.

#### **V. Sequence of execution of works**

The works should be executed from ridge to valley in the following order:

1. Staggered Trenches 2. Water Absorption Trenches 3. Loose Boulders Structures 4. RFDs 5. Gabion Structures 6. Sunken Pits 7. Desiltation and Repair & Restoration of PTs and CDs 8. Recharge of Dried up wells 9. Dugout ponds 10. Form ponds 11. Percolation Tanks 12. Mini Percolation Tanks 13. Check Walls 14. Check Dams 15. Sub surface Dykes.

#### **Responsibilities of the senior Geologists;**

##### **I. Training of junior geologists and primary stake holders.**

- 1) Training in selection of sites by using maps and satellite data and transact walk.
- 2) Calculation of Run Off
- 3) Marking of works for execution, Generation of estimates
- 4) Establishment of Observation wells and measuring method
- 5) well inventory
- 6) Geophysical survey for identification of groundwater extraction points
- 7) Mapping of works
- 8) Preparation of Project Report

##### **II. Hand holding support to geologists.**

- 1) He shall guide and sort out the issues relating to technical matters and site conditions
- 2) Participate in awareness building and training of the community and primary stake holders in management of Groundwater.
- 3) He shall train other field functionaries such as FAs, TAs and ECs in management of Groundwater.

#### **Responsibilities of the Additional Project Director, MGNREGS**

- 1) Generation of Estimations, Administrative sanctions and Technical sanctions of all feasible works.
- 2) Providing of Office accommodation, furniture, computer, GPS and other survey tools to the geologists.

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- 3) Handing over of Work Commencement Letters to geologists by the Program Officer /APO
  - 4) Random verification of village camps by geologists and works allotted to SSS.
  - 5) Monitoring the quality of execution of works.
  - 6) Attend the review meeting of MGRP by the Commissioner, RD with concerned geologists.
  - 7) Monitor the work of Senior as well as Junior geologists and report their performance to CRD every fortnight.
4. These orders shall come into force with immediate effect.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

**R. SUBRAHMANYAM**

PRINCIPAL SECRETARY TO GOVERNMENT (RD)

To

The Commissioner, Rural Development, Hyderabad.

The Additional Commissioner, RD,O/o CRD, Hyderabad.

The Director, MGNREGA, AP, O/o CRD, Hyderabad

All the District Collectors in the State

All the Project Directors, DWMA in the State

All Chief Executive Officers, Zilla Parishad in the State

**Copy to:**

PS to Prl.Secy. to Government (RD)

SF/SC

//FORWARDED :: BY ORDER//

SECTION OFFICER